

E. Sorbelli

415

1633

RAW SEQUENCE LISTING DATE: 05/16/2000
PATENT APPLICATION: US/09/472,691 TIME: 06:43:47

Input Set : A:\1020-seq.app
Output Set: N:\CRF3\05162000\I472691.raw

3 <110> APPLICANT: Hermiston, Terry
4 Nye, Julie
6 <120> TITLE OF INVENTION: Adenovirus ElB Shuttle Vectors
8 <130> FILE REFERENCE: 1020-US
10 <140> CURRENT APPLICATION NUMBER: 09/472,691
11 <141> CURRENT FILING DATE: 1999-12-27
13 <150> PRIOR APPLICATION NUMBER: 60/117,814
14 <151> PRIOR FILING DATE: 1999-01-28
16 <150> PRIOR APPLICATION NUMBER: 60/157,288
17 <151> PRIOR FILING DATE: 1999-10-01
19 <160> NUMBER OF SEQ ID NOS: 12
21 <170> SOFTWARE: PatentIn Ver. 2.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 27
25 <212> TYPE: DNA
26 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
28 <400> SEQUENCE: 1
29 ggggggtacc tgctggattt tctggcc 27
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 54
33 <212> TYPE: DNA
34 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
36 <400> SEQUENCE: 2
37 tattctttcc cacccttaag ccacgcccac acatttcagt accagatctg tate 54
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 45
41 <212> TYPE: DNA
42 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
44 <400> SEQUENCE: 3
45 gttttataaa ggataagtgg agtgaagaaa cccatctgag cgggg 45
47 <210> SEQ ID NO: 4
48 <211> LENGTH: 45
49 <212> TYPE: DNA
50 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
52 <400> SEQUENCE: 4
53 ccccgctcag atgggtttct tcaactccact taccctttat aaaac 45
55 <210> SEQ ID NO: 5
56 <211> LENGTH: 72
57 <212> TYPE: DNA
58 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
60 <400> SEQUENCE: 5
61 gagcccttg gaaccgaga gccggcctgg accctcgga atgaatttg tacaggatcc 60
62 tgaactgtat cc 72
64 <210> SEQ ID NO: 6
65 <211> LENGTH: 71
66 <212> TYPE: DNA
67 <213> ORGANISM: Oligonucleotide Primer for Adenovirus

ENTERED

RECEIVED
JUN 07 2000
TECH CENTER 1600/2900

RAW SEQUENCE LISTING DATE: 05/16/2000
 PATENT APPLICATION: US/09/472,691 TIME: 06:43:47

Input Set : A:\1020-seq.app
 Output Set: N:\CRF3\05162000\I472691.raw

```

69 <400> SEQUENCE: 6
70 ggatacagtt caggatcctg tacaaaaatc attcccgagg gtccaggccg gctctcgggt 60
71 tccaagggt c 71
73 <210> SEQ ID NO: 7
74 <211> LENGTH: 27
75 <212> TYPE: DNA
76 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
78 <400> SEQUENCE: 7
79 ccgctctaga gaatgcaata gtagtac 27
82 <210> SEQ ID NO: 8
83 <211> LENGTH: 54
84 <212> TYPE: DNA
85 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
87 <400> SEQUENCE: 8
88 tattctttcc cacccttaag ccacgcccac acatttcagt accagatctg tatc 54
91 <210> SEQ ID NO: 9
92 <211> LENGTH: 61
93 <212> TYPE: DNA
94 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
96 <400> SEQUENCE: 9
97 cccaatgcga tttaatcat aaataaaaaa ccagactctg tttggatttg gatcaagcaa 60
98 g 61
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 69
103 <212> TYPE: DNA
104 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
106 <400> SEQUENCE: 10
107 gcaagacact tgcttgatcc aaatccaaac agagtctggt tttttattat agattttaat 60
108 cgcattggg 69
111 <210> SEQ ID NO: 11
112 <211> LENGTH: 37
113 <212> TYPE: DNA
114 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
116 <400> SEQUENCE: 11
117 gcgcggatcc gtggaggcta acaatgtcga ataacgc 37
120 <210> SEQ ID NO: 12
121 <211> LENGTH: 36
122 <212> TYPE: DNA
123 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
125 <400> SEQUENCE: 12
126 gtgagcattt aaatcagtcg ttcaacgttt gtaatc 36

```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/472,691
DATE: 05/16/2000
TIME: 06:43:48
Input Set : A:\1020-seq.app
Output Set: N:\CRF3\05162000\I472691.raw

RECEIVED
JUN 07 2000
TECH CENTER 1600/2900